

Date: Monday, 7/9/2007 11:41:38 AM  
 User: Kim Johnston

## Process Sheet

31

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: CARGO MIRRO 8"
Job Number	: 33328		
Estimate Number	: 12528		
P.O. Number	: N/A	Part Number	: D076612015
This Issue	: 7/9/2007	S.O. No.	: N/A
Prsht Rev.	: NC	Drawing Number	: DSI9304 REVC
First Issue	: N/A	Project Number	: N/A
Previous Run	: 33033	Drawing Revision	: A
		Material	: N/A
Written By	:	Due Date	: 7/30/2007
Checked & Approved By	:	Qty:	2 Um: Each
Comment	: Est Rev A 05.05.12 New issue KJ/JLM		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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KS 07.07.24

Comment: DOCUMENT CONTROL

Photocopy bluefile and create labels per PPP D076-612-015 CHG002

2.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1

Pick Packing Kit

3.0	D2012117	Clevis
-----	----------	--------



Comment: Qty.: 3.0000 Each(s)/Unit Total: 6.0000 Each(s)

Clevis

3/101

4.0	D2261	Mirror Arm - Long S76
-----	-------	-----------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)

Mirror Arm - Long S76

33329

5.0	D2262	Mirror Arm - Short S76
-----	-------	------------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total: 2.0000 Each(s)

Mirror Arm - Short S76

B 33330

6.0	D22631	Clamp
-----	--------	-------



Comment: Qty.: 2.0000 Each(s)/Unit Total: 4.0000 Each(s)

Clamp

B16 733

EU 7/12/05 (2)

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Monday, 7/9/2007 11:41:38 AM  
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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CARGO MIRRO 8"

Job Number: 33328

Part Number: D076612015

Job Number:



Seq. #:

Machine Or Operation:

Description :

7.0

D22633

Clamp



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)  
Clamp *B15445*

8.0

D2264

Cushion



Comment: Qty.: 3.0000 Each(s)/Unit Total : 6.0000 Each(s)  
Cushion *B33565*

9.0

D2271

"L" Bracket Assembly



Comment: Qty.: 3.0000 Each(s)/Unit Total : 6.0000 Each(s)  
"L" Bracket Assembly *B16718*

10.0

D2274

Radius Block



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)  
Radius Block *B32857*

11.0

D2856100250

ABRASION STRIP



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)  
ABRASION STRIP *B34682*

12.0

D3439101

MIRROR



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)  
MIRROR *B23458*

13.0

AN311A

Bolt



Comment: Qty.: 3.0000 Each(s)/Unit Total : 6.0000 Each(s)  
Bolt *M14820*

14.0

AN45A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)  
Bolt *M100857*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CARGO MIRRO 8"

Job Number: 33328

Part Number: D076612015

Job Number:



Seq. #:

Machine Or Operation:

Description :

15.0

AN410A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)  
Bolt M104603

16.0

AN960JD10

Washer



Comment: Qty.: 9.0000 Each(s)/Unit Total : 18.0000 Each(s)  
Washer M105992

17.0

AN960JD416

Washer



Comment: Qty.: 10.0000 Each(s)/Unit Total : 20.0000 Each(s)  
Washer M105906

18.0

MS21042L3

Nut



Comment: Qty.: 6.0000 Each(s)/Unit Total : 12.0000 Each(s)  
Nut M105538

19.0

MS21042L4

Nut



Comment: Qty.: 3.0000 Each(s)/Unit Total : 6.0000 Each(s)  
Nut M105054

20.0

MS27039114

Screw



Comment: Qty.: 3.0000 Each(s)/Unit Total : 6.0000 Each(s)  
Screw M15929

21.0

NAS1738B42

Blind Rivet



Comment: Qty.: 9.0000 Each(s)/Unit Total : 18.0000 Each(s)  
Blind Rivet M105443

22.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: 12 Date: 27/12/06  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 7/9/2007 11:41:38 AM  
User: Kim Johnston

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Drawing Name: CARGO MIRRO 8"

Job Number: 33328

Part Number: D076612015

Job Number:



Seq. #:

Machine Or Operation:

Description :

23.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D076-612-015

Location: \_\_\_\_\_

PPP Rev: \_\_\_\_\_

C

7/12/05

SP

(2X)

24.0

QC21

FINAL INSPECTION/W/O RELEASE



(2)

Comment: FINAL INSPECTION/W/O RELEASE

D07112/06

Job Completion



U07.12.06

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



**DART**

DESIGN <b>CP</b>	DRAWN BY <b>CP</b>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9304	REV. C SHEET 1 OF 2
DATE 05.06.13		TITLE MIRROR SUBSTITUTION	SCALE NTS
A	05.05.27	NEW ISSUE	
B	05.06.03	ADD OPTIONAL ANTI-SLIP HARDWARE	
C	05.06.13	NOW PERMANENT KIT CHANGE	

## **DART SERVICE INSTRUCTION**

TO AMEND INSTALLATION INSTRUCTIONS IIN-D076-612 REV. A  
REF. CANADIAN STC: SH94-38 ISSUE 2  
REF. FAA STC: SR00298NY

For the D076-612-015 CHG 002 Cargo Mirror kit, the **D2011-103** Mirror referenced in IIN-D076-612 rev.A has been replaced with the **D3439-101** Mirror Assembly. The attaching hardware for this mirror has been changed to reduce the chance of slippage in flight. The mirror should be installed per the figure on page 2 of this document. The parts list for the D076-612-015 Cargo Mirror kit is given below.

Qty -015	Part Number	Description
X	D076-612-015	CARGO MIRROR, 8"
1	D3439-101	Mirror Assembly(8")
1	*D3015-3	Locknut
1	*5/16WC	Washer
3	D2012-117	Clevis
1	D2261	Arm Assembly
1	D2262	Arm Assembly
2	D2263-1	Clamp
2	D2263-3	Clamp
3	D2264	Cushion
3	D2271	Bracket
2	D2274	Radius Block
2	D2856-100-250	Abrasion Strips
3	AN3-11A	Bolt
2	AN4-5A	Bolt
1	AN4-10A	Bolt
9	AN960JD10	Washer
10	AN960JD416	Washer
6	MS21042L3	Nut (or MS21042-3)
3	MS21042L4	Nut (or MS21042-4)
3	MS27039-1-14	Screw
9	NAS1738B-4-2	Blind Rivet

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CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH UNCONTROLLED COPY  
DAO # 01-O-01  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
3328

APPROVED  
*[Signature]*  
BY: *[Signature]* NO. 3328  
D. SHEPHERD (DE # 02)

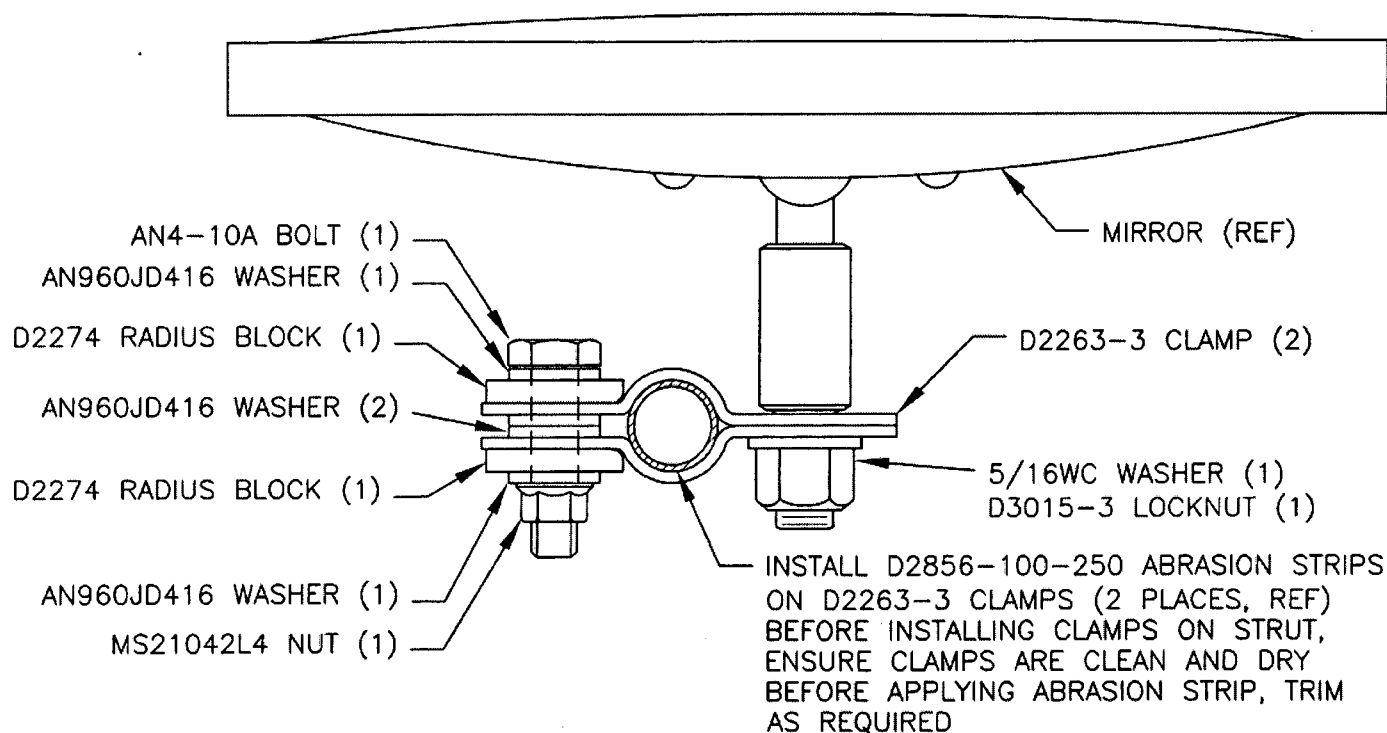
DATE: 05.06.13  
CERT. NO.: SH94-38  
ISSUE NO.: 2

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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9304	REV. C SHEET 2 OF 2
DATE 05.06.13		TITLE MIRROR SUBSTITUTION	SCALE NTS



VIEW OF FIGURE 5 (DETAIL 'C')  
of IIN-D076-612 Rev. A

SHOP COPY  
RETURN TO  
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WITHOUT NOTICE  
WORK ORDER  
NO. 33328

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED <i>[Signature]</i>	
BY:	D. SHEPHERD (DE # 02)
DATE:	05.06.13
CERT. NO.:	SH94-38
ISSUE NO.:	2

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